





KELON

UNIVERSAL CONDENSOR



							
Outdoor model				KW24U7	KW36U7	KW48U8	KW60U8
Type		—		ROTARY	ROTARY	ROTARY	ROTARY
Brand		—		GMCC	GMCC	GMCC	GMCC
Capacity		Btu/h		24396	34154	34470	46755
Input		W		1920	2765	3155	3700
Rated current(RLA)		A		8,70	5,38	13,20	7,02
Refrigerant oil	model	—		POE VG74	POE VG74	POE VG74	POE VG74
	Amount	ml		620	1000	1000	1400
Outdoor fan motor	Model	—		ZW511A800002	ZKFN-102-8-1	ZW511A800002 ZW511A800052	ZWB4710L17A
	Qty	—		1	1	2	1
	Output	W		60	102	60	250
	Capacitor	μF		/	/	/	/
	Speed	r/min		880	890	880	850
Outdoor coil	Number of rows	—		2	2	2	3
	Tube pitch(a)×row pitch(b)	mm		21×21.65	21×21.65	21*21.65	21×21.65
	Fin spacing	mm		1,4	1,5	1,5	1.5
	Fin type	—		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm		Φ7,innergroove tube	Φ7.94,innergroove tube	Φ7.94,innergroove tube	Φ7.94,innergroove tube
	Coil length ×height ×width	mm		900×630×43.3	975×714×43.3	894×1134×43	1212×840×65
	Number of circuits	—		7	5	6	10
Outdoor unit	Dimension	W×H×L	mm	860×670×310	900×750×340	900×1170×320	1100×875×450
	Packing	W×H×L	mm	990×730×450	1040×830×460	970×1300×430	1165×1005×540
	Stacking	Flat/Sideways	Layers	4/0	3/0	2/0	3/0
	Weight	Net/Gross	kg	44.5/48.5	58/61	83/92	109/120
	Air Volume	Hi	m ³ /h	3150	3800	5500	6500
	Sound Level (SPL)	Hi	dB(A)	57	58	58	62
	Sound Level (PWL)	Hi	dB(A)	68	69	70	75/77
	Sound Level (PWL)	Level	—	D	D	—	—
	Refrigerant	Type	—	R32	R32	R32	R32
		Amount	kg	1,50	1,80	3,00	3,40
		TCO2Eq	—	1,013	1,215	2,025	2,295
		GWP	—	675	675	675	675
	Throttle type	—		EEV	EEV	EEV	EEV
	Qty'per 20' /40' /40'HQ	—		90/186/186	54/110/165	31/63/126	40/88/88
	Design pressure	H/L	MPa	4.3/1.6	4.3/1.6	4.3/1.6	4.3/1.6
Refrigerant piping	Liquid/ Gas		mm(inch)	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ15.88(3/8'/5/8')
	Pipe length	Max. equivalent T1 Clim	m	60	65	75	85
	Pipe length	Max. equivalent Full Ran	m	45	50	60	75
	Height difference	Max. (OD lower)	m	30	30	30	30
		Max. (OD higher)	m	30	30	30	30
	ADD Refrigerant AMOUNT		g/m	35	35	35	35
	PIPE LENGTH FOR ADDITIONAL Refrigerant		m	5	5	7.5	7.5
Operating range (Outdoor)	Cooling		C	-15~48	-15~48	-15~52	-15~52
	Heating		C	-15~24	-15~24	-20~24	-20~24
Indoor & Outdoor Unit	Qty'per 20' /40' /40'HQ		—	39/82/94	35/72/84	29/59/69	24/54/60